



Attorney's Docket No.: 04730USA/W-C/W-C/JB1

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Verhaverbeke et al.)
)
U.S. Serial No: 09/891,833) Examiner: Kirsten Jolley
)
Filed: June 25, 2001) Art Unit: 1762
)
For: METHOD AND APPARATUS FOR)
CHEMICAL MIXING IN A SINGLE)

WAFER PROCESS)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Enclosed is a copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 together with copies of the documents cited on that form. It is respectfully requested that the cited documents be considered and that the enclosed copy of Information Disclosure Citation Form PTO-1449 or PTO/SB/08 be initialed by the Examiner to indicate such consideration and a copy thereof returned to applicant(s).

FIRST CLASS CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage in an envelope addressed to MAIL STOP _____

COMMISSIONER FOR PATENTS, P.O. Box 1450, Alexandria, VA 22313-1450

U.S. Patent and Trademark Office, Washington, D.C. 20231 on August 20, 2004
Date of Deposit

Teresa Mattox

Name of Person Mailing Correspondence

Teresa Mattox
Signature

August 20, 2004
Date

Pursuant to 37 C.F.R. § 1.97, the submission of this Information Disclosure Statement is not to be construed as a representation that a search has been made and is not to be construed as an admission that the information cited in this statement is material to patentability.

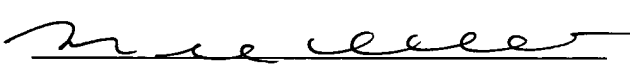
This Information Disclosure Statement is being submitted under 37 C.F.R. §1.97(c). Enclosed with this Information Disclosure Statement is the following:

A check for \$180.00 for the fee under 37 C.F.R. §1.17(p) for submission of the Information Disclosure Statement.

If there are any additional charges, please charge Deposit Account No. 02-2666.

Respectfully submitted,

BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN

Date: 8/20/04 
Michael A. Bernadicou
Reg. No. 35,934

Patent Counsel
Legal Affairs Dept.
APPLIED MATERIALS, INC.
P.O. Box 450A
Santa Clara, CA 95052

Telephone inquiries to:
Michael A. Bernadicou
(408) 720-8300

Substituted for Form 1449/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)			Complete if Known	
Sheet 1 of 1			Application Number	09/891,833
			Filing Date	June 25, 2001
			First Named Inventor:	Steven Verhaverbeke
			Art Unit	1762
			Examiner Name	Kirsten Jolley
			Attorney Docket Number	4730 USA/W-C/W-C/JB1
			BSTZ Docket No.	4887.P451

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)				
		US-	4,778,532	10-18-1988	McConnell et al.	
		US-	5,346,302	09-13-1994	Ryu	
		US-	5,490,611	02-13-1996	Bernosky et al.	
		US-	5,908,509	06-01-1999	Olesen et al.	
		US-	5,996,595	12-07-1999	Olesen et al.	

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
		Patent Abstracts of Japan, Vol. 004, No. 089 (C-016), June 25, 1980 & JP 55 051427 A (Sakaoka Kazuhiko), April 15, 1980, 1 page.	
		Search Report for PCT/US/01/20469 mailed February 14, 2002, 8 pages.	
		Written Opinion for PCT/US/01/20469 mailed June 30, 2004, 5 pages.	
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SENT FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.